

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 41552  
: :  
Kelly, Mark, et al. : Confirmation Number: 6830  
: :  
Application No.: 10/799,934 : Group Art Unit: 1639  
: :  
Filed: March 12, 2004 : Examiner: Steele, Amber D.  
: :  
For: NUCLEAR MAGNETIC RESONANCE ASSEMBLY OF CHEMICAL ENTITIES  
USING ADVANCED ANTENNA PROBES

**Declaration Pursuant to 37 C.F.R. § 1.132**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We, Daniel S. Sem, Mark Kelly, Min S. Lee, Hugo Villar, Jianqiang Wang, and Yong Qin declare as follows:

1) We are the Daniel S. Sem, Mark Kelly, Min S. Lee, Hugo Villar, Jianqiang Wang, and Yong Qin who are named as inventors in the present U.S. Application 10/799,934 ("the present '934 Application").

2) We understand that pending claims 48-51, 54, 57, 59-61, 66-69, 72, 75, 78-80, and 93-96 of the present '934 Application stand rejected under 35 U.S.C. §102(e) ("the 102(e) rejection") as allegedly being anticipated by U.S. 7,653,490 ("the '490 Patent").

3) We understand that the '490 Patent is also being applied as a 102(e) reference in the rejection of pending claims 48-51, 54, 57, 59-61, 66-69, 72, 75, 78-80, and 91-96 of the present '934 Application under 35 U.S.C. §103(a) ("the 103(a) rejection") as allegedly being obvious over the '490 Patent in view of U.S. 6,333,149 ("the '149 Patent").

Application No.: 10/799,934

3) Daniel S. Sem, Mark Kelly, and Min S. Lee are listed as co-inventors on the present '934 Application and are also listed as co-inventors on the '490 Patent.

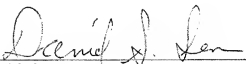
4) Hugo Villar, Jianqiang Wang, and Yong Qin are listed as co-inventors on the present '934 Application, but are not listed as co-inventors on the '490 Patent.

5) We are the sole inventors of pending claims 48-51, 54, 57, 59-61, 66-69, 72, 75, 78-80, and 93-96 under the 102(e) rejection in the present '934 Application, the subject matter of which is disclosed, but not claimed, in the '490 Patent.

6) The disclosure in the '490 patent that relates to pending claims 48-51, 54, 57, 59-61, 66-69, 72, 75, 78-80, and 93-96 in the present '934 Application constitutes our own work which we conceived.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that any such willful false statement may jeopardize the validity of the application or any patent issued thereon.

8-17-10  
Date

  
Daniel S. Sem

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Date

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Mark Kelly

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Date

\_\_\_\_\_  
Min S. Lee

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Date

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Hugo Villar

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Date

13th August 2010  
Date

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Daniel S. Sem

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Mark Kelly



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Date

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Min S. Lee

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Date

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Hugo Villar

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Daniel S. Sem

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Mark Kelly

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Date

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Min S. Lee

\_\_\_\_\_  
Date

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Hugo Villar

**Application No.: 10/799,934**

8-16-2010

Date

Date



Jianqiang Wang

Yong Qin

Date

2010/2/2.

Date

Jianqiang Wang

Yang Qin

Yong Qin